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Richard Whitley
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State of Nevada Department of Health and Human Services

Update Concerning the Status of COVID-19 in Nevada

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03/04/2021

Helping people. It's who we are and what we do.

COVID-19 By The Numbers - Cases

KEY METRICS

281

NEW DAILY CASES
14-day moving average

412 Cases per 100K
30-day period

294,684 Cumulative cases

9,357 Cumulative cases per 100K

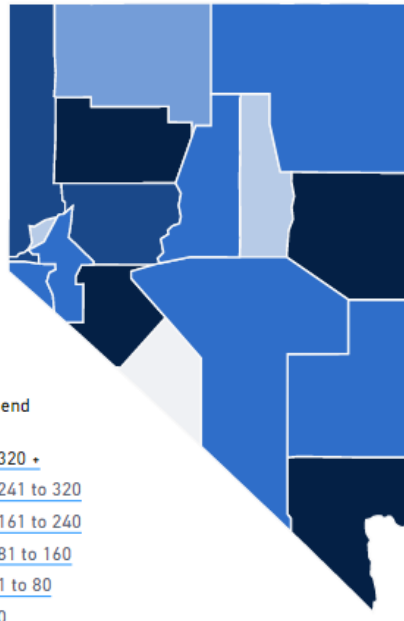
239

NEW DAILY TESTS PER 100K
14-day moving average with 7-day lag

7

NEW DAILY DEATHS
14-day moving average

CASES PER 100K (30-day period)



Legend

- 320 +
- 241 to 320
- 161 to 240
- 81 to 160
- 1 to 80
- 0

DAILY NEW CASES, BY SPECIMEN COLLECTION DATE

● New Cases ● Data incomplete for recent dates — New Cases (14-day moving avg.) — Incomplete data (14-day moving avg.)



Daily new cases continue to decline.

The average volume of daily new cases, at 281 over the past 14 days, is comparable to what we observed in mid-June, before we had any significant surge of cases in Nevada.



COVID-19 By The Numbers - Testing

KEY METRICS

239

DAILY TESTS PER 100K

14-day moving average with 7-day lag

7.1 %

Test Positivity Rate

14-day period with 7-day lag

2,738,065

Cumulative Tests

281

NEW DAILY CASES

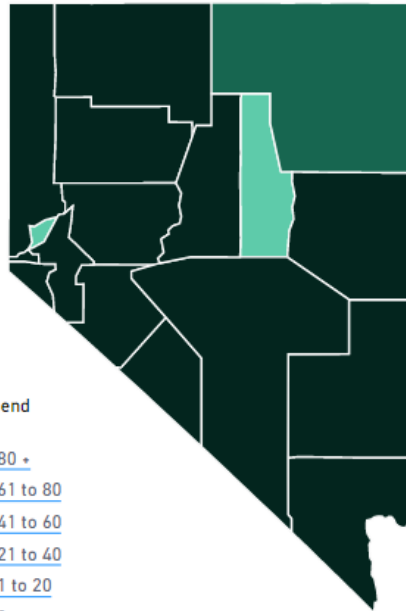
14-day moving average

7

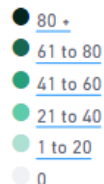
NEW DAILY DEATHS

14-day moving average

DAILY TESTS PER 100K (14-day moving avg. with 7-day lag)

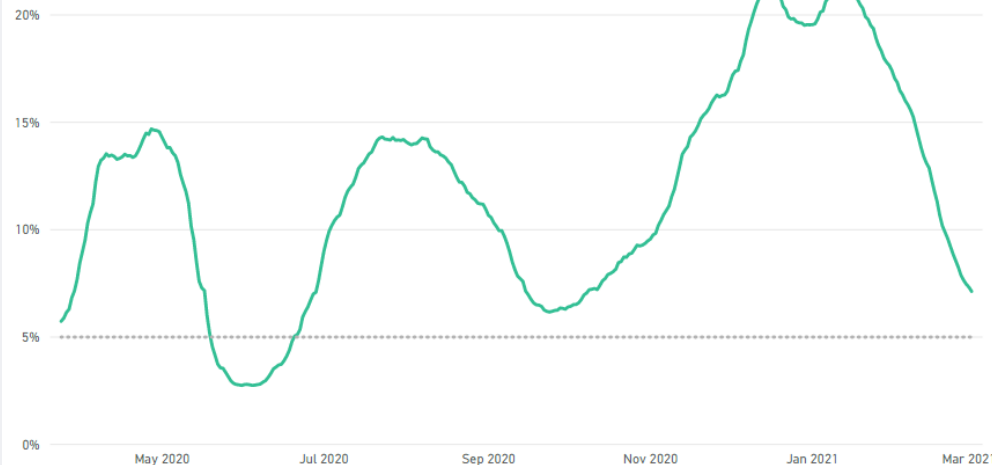


Legend



14-DAY MOVING AVERAGE AND WHO GOAL BY SPECIMEN COLLECTION DATE

— Test Positivity Rate (14-day moving avg. with 7-day lag) - - - - - WHO goal



Test positivity has been decreasing for the past six weeks, averaging 7.1% over the past two weeks.

We expect to continue this declining trend and reach numbers comparable to what was observed as a low as 6.0% after the summer surge by middle of March.



COVID-19 By The Numbers - Hospitalizations

KEY METRICS

440

**CONFIRMED &
SUSPECTED HOSPITALIZATIONS**
For the most recent day

100

Total ICU
For the most recent day

53

Total Ventilators
For the most recent day

281

NEW DAILY CASES
14-day moving average

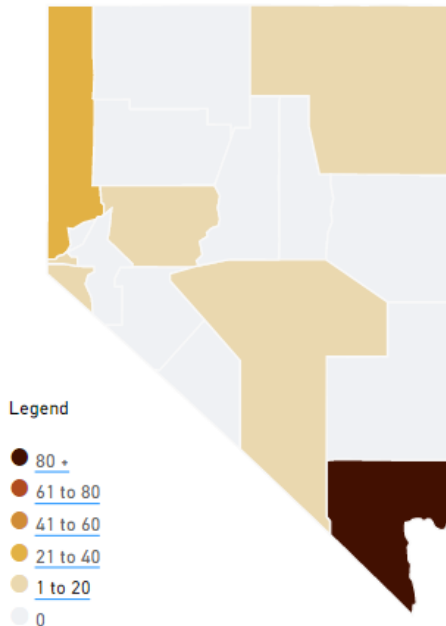
239

NEW DAILY TESTS PER 100K
14-day moving average with 7-day lag

7

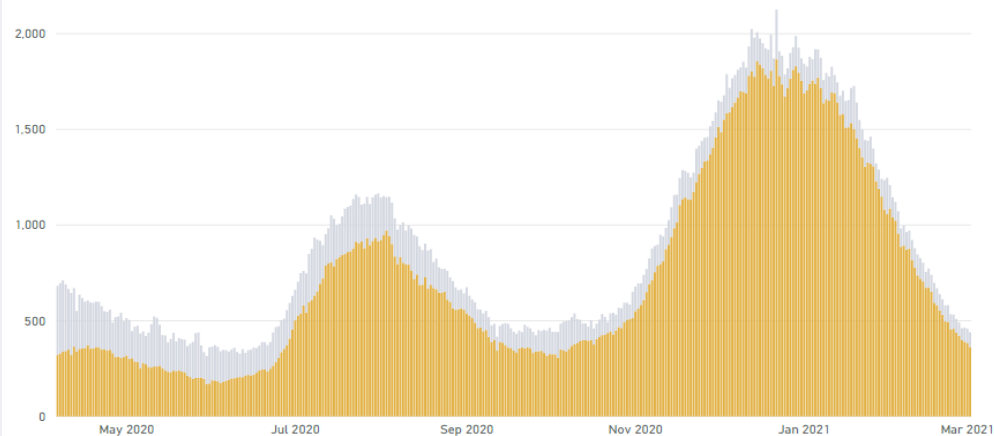
NEW DAILY DEATHS
14-day moving average

CONFIRMED HOSPITALIZATIONS (most recent day)



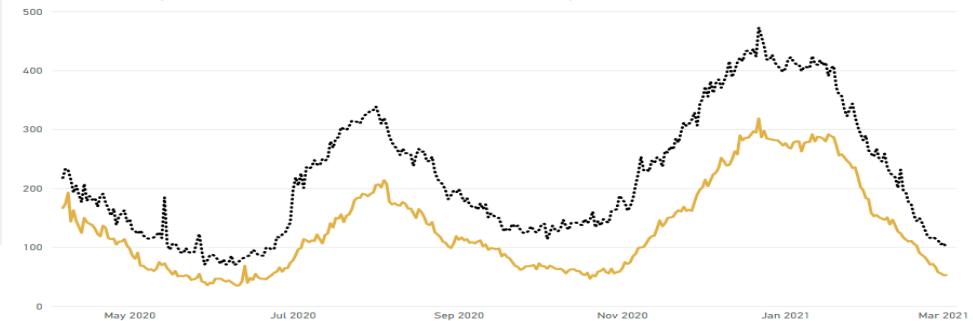
CONFIRMED AND SUSPECTED HOSPITALIZATIONS

Confirmed Suspected



CONFIRMED AND SUSPECTED INTENSIVE CARE UNIT (ICU) AND VENTILATOR UTILIZATION

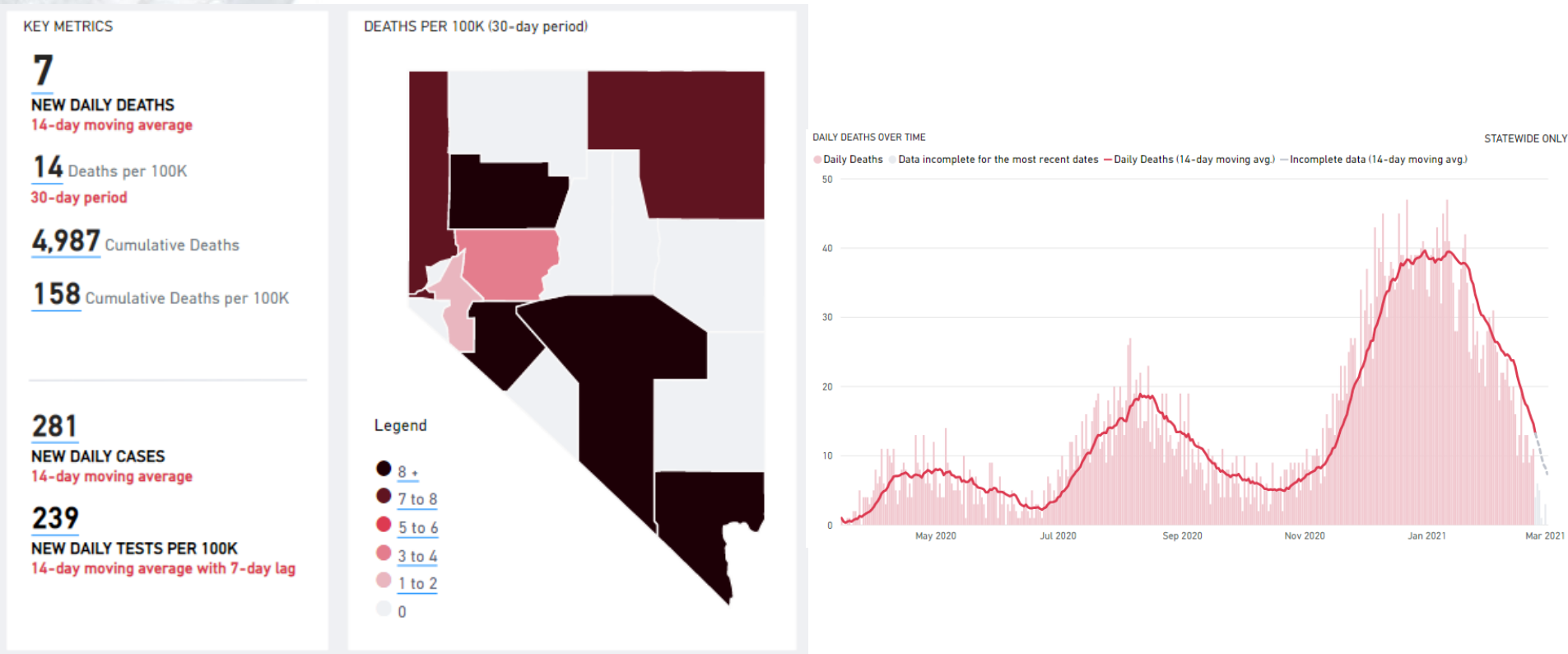
Confirmed or Suspected COVID-19 in Intensive Care Unit (ICU) Confirmed or Suspected COVID-19 on Ventilator



There are currently 440 confirmed and suspected COVID-19 cases hospitalized in Nevada hospitals.

Declining trends in hospitalization, ICU, and ventilator use continue.

COVID-19 By The Numbers - Deaths



We continue to see a decline in number of COVID-19 deaths, averaging 7 deaths per day over the previous 2 weeks.

COVID-19 By The Numbers - Vaccinations

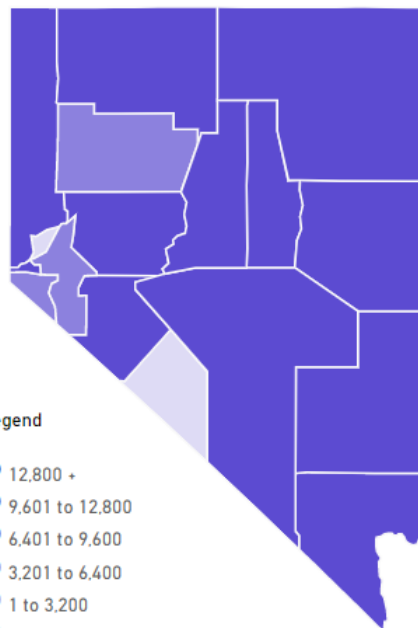
KEY METRICS

694,637 Total Doses Reported as Administered
22,057 Doses Reported as Administered per 100K

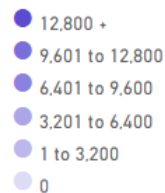
454,739 Total Vaccinations Reported as Initiated
14,440 Vaccinations Reported as Initiated per 100K
14.44 % % of Population that Initiated Vaccination

239,898 Total Vaccinations Reported as Completed
7,618 Vaccinations Reported as Completed per 100K
7.62 % % of Population Vaccinated

VACCINATION DOSES ADMINISTERED PER 100K

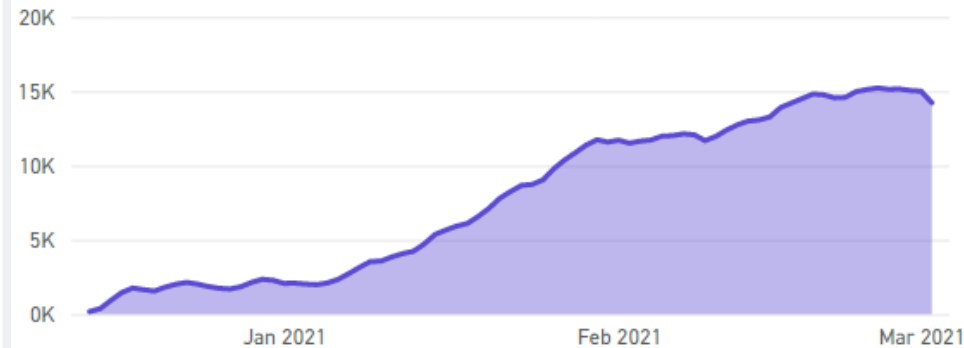


Legend



DAILY VACCINES ADMINISTERED (14-day moving avg.)

STATEWIDE ONLY



| Group | DOSES ADMINISTERED % | POPULATION % | POPULATION |
|---|----------------------|---------------|------------------|
| AGE | 100.0% | 100.0% | 3,149,234 |
| <10 | 0.0% | 12.4% | 389,978 |
| 10-19 | 0.5% | 13.6% | 429,790 |
| 20-29 | 7.8% | 13.9% | 437,588 |
| 30-39 | 11.2% | 13.5% | 423,831 |
| 40-49 | 12.1% | 13.1% | 414,074 |
| 50-59 | 12.3% | 12.7% | 398,817 |
| 60-69 | 15.0% | 11.0% | 345,779 |
| 70+ | 41.1% | 9.8% | 309,377 |
| GENDER | 100.0% | 100.0% | 3,149,234 |
| Female | 58.5% | 50.0% | 1,573,738 |
| Male | 41.5% | 50.0% | 1,575,496 |
| RACE/ETHNICITY | 100.0% | 100.0% | 3,149,234 |
| Hispanic | 11.8% | 30.2% | 952,600 |
| Non-Hispanic American Indian or Alaska Native | 0.9% | 1.1% | 35,742 |
| Non-Hispanic Asian/Pacific Islander | 11.5% | 9.9% | 312,158 |
| Non-Hispanic Black | 4.8% | 8.9% | 280,643 |
| Non-Hispanic Other Race | 14.0% | 0.0% | 0 |
| Non-Hispanic White | 57.1% | 49.8% | 1,568,091 |

As of 3/2, Nevada had administered 694,637 doses of vaccine (454,739 initial doses and 239,898 second doses).

This equates to 14.44% of Nevadans having initiated vaccination and 7.62% of Nevadans being fully vaccinated.



COVID-19 Testing Turnaround

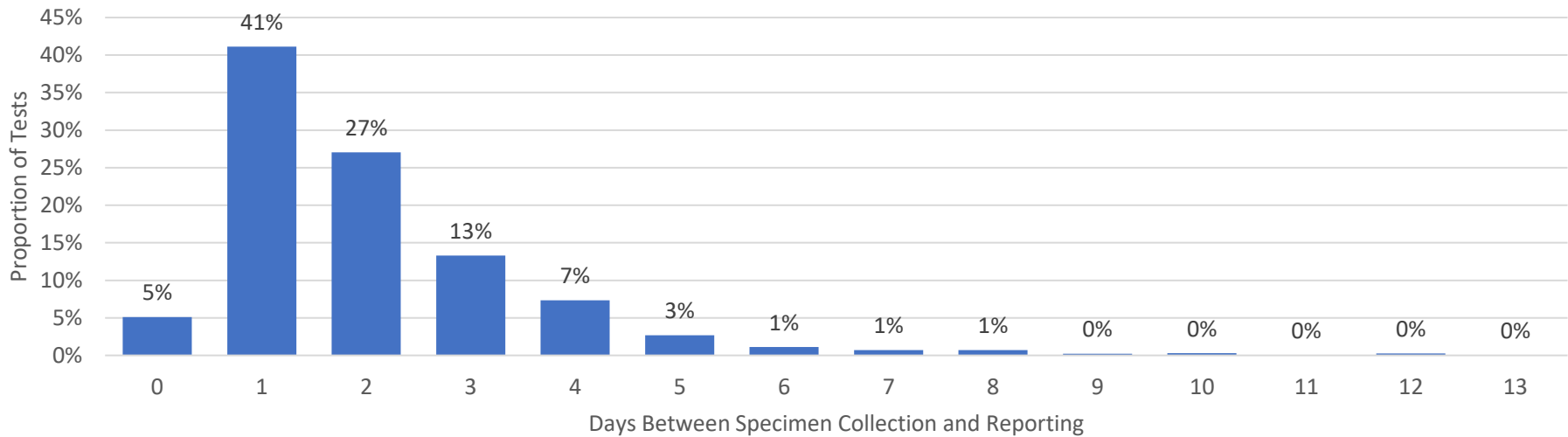
| Median Time from Specimen Collection to Report, By County and Lab | | | | | | | | | |
|---|-----|---------|-------|-------|-------|------|----------|-----|-------|
| | CPL | LABCORP | NSPHL | Other | QUEST | RRMC | SOUTHERN | UMC | Total |
| Carson City | - | 2 | 2 | 1 | 3 | 1 | 1 | 2 | 2 |
| Churchill | - | 2 | 2 | 2 | 5 | 1 | - | 3 | 2 |
| Clark | 2 | 2 | 4 | 2 | 3 | 1 | 2 | 1 | 2 |
| Douglas | - | 2 | 1 | 1 | 3 | 1 | - | 2 | 1 |
| Elko | - | 2 | 3 | 1 | 5 | 1 | 1 | 2 | 2 |
| Esmeralda | - | 2 | - | 3 | 3 | - | 3 | - | 2 |
| Eureka | - | 1 | - | 2 | - | 1 | - | - | 1 |
| Humboldt | - | 2 | 1 | 0 | 4 | 1 | - | - | 1 |
| Lander | - | 1.5 | 3 | 0 | 2 | 1 | - | - | 1 |
| Lincoln | - | 2 | - | 0 | - | - | 4 | 2 | 2 |
| Lyon | - | 2 | 1 | 1 | 3 | 1 | - | 2 | 1 |
| Mineral | - | 2 | 2 | 3 | 3.5 | 1 | - | - | 2 |
| Nye | 2 | 2 | 2 | 3 | 3 | 1 | 1 | 1 | 3 |
| Pershing | - | 2 | 3 | 1 | 4 | 1 | - | 1.5 | 1 |
| Storey | - | 1.5 | 1 | 1 | 2.5 | 1 | - | - | 1 |
| Washoe | - | 2 | 1 | 2 | 3 | 1 | 3 | 1 | 1 |
| White Pine | - | 2 | 3 | 0 | - | - | - | 1 | 0 |
| Total | 2 | 2 | 1 | 1 | 3 | 1 | 2 | 1 | 2 |

For Specimens collected February 8th - March 3rd , it has taken approximately 2 days after specimen collection for results to be reported.

Differences across different counties and laboratories are displayed in the table above.



COVID-19 Testing Turnaround



Distribution of the Number of Days between Specimen Collection to Report, By County

| Days | Carson City | Churchill | Clark | Douglas | Elko | Esmeralda | Eureka | Humboldt | Lander | Lincoln | Lyon | Mineral | Nye | Pershing | Storey | Washoe | White Pine | Total |
|------|-------------|-----------|-------|---------|------|-----------|--------|----------|--------|---------|------|---------|-----|----------|--------|--------|------------|-------|
| 0 | 4% | 4% | 3% | 2% | 3% | 0% | 0% | 49% | 35% | 6% | 6% | 1% | 1% | 17% | 0% | 3% | 94% | 5% |
| 1 | 46% | 25% | 39% | 50% | 36% | 0% | 71% | 23% | 17% | 37% | 47% | 35% | 24% | 76% | 61% | 53% | 4% | 41% |
| 2 | 16% | 42% | 31% | 26% | 22% | 58% | 29% | 12% | 22% | 32% | 19% | 39% | 25% | 3% | 22% | 16% | 1% | 27% |
| 3 | 9% | 16% | 15% | 12% | 16% | 8% | 0% | 5% | 17% | 23% | 10% | 22% | 29% | 2% | 6% | 10% | 0% | 13% |
| 4 | 9% | 8% | 7% | 5% | 9% | 33% | 0% | 7% | 2% | 1% | 10% | 3% | 5% | 1% | 6% | 10% | 0% | 7% |
| 5 | 5% | 5% | 3% | 1% | 7% | 0% | 0% | 4% | 1% | 1% | 3% | 0% | 1% | 0% | 6% | 3% | 0% | 3% |
| 6 | 2% | 0% | 1% | 0% | 6% | 0% | 0% | 1% | 0% | 0% | 1% | 0% | 0% | 1% | 0% | 3% | 0% | 1% |
| 7 | 4% | 0% | 1% | 0% | 1% | 0% | 0% | 0% | 5% | 0% | 0% | 0% | 3% | 0% | 0% | 0% | 1% | 1% |
| 8 | 4% | 0% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 0% | 0% | 0% | 0% | 1% | 0% | 1% |
| 9 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 3% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 10 | 1% | 0% | 0% | 4% | 0% | 0% | 0% | 0% | 0% | 0% | 1% | 0% | 6% | 0% | 0% | 1% | 0% | 0% |
| 11 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 12 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 13 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 6% | 0% | 0% | 0% | 0% | 0% |
| 15 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |



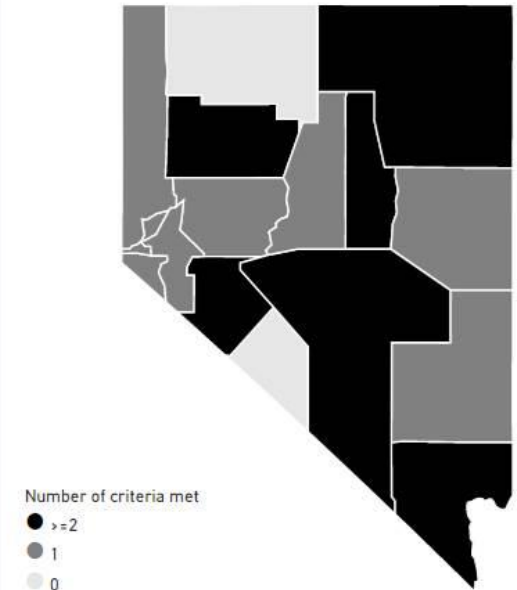
COVID-19 County Tracker

Data as of 02/28/2021

A county is flagged for elevated disease transmission if it meets two of the three criteria:

- 1. Average number of tests per day (per 100,000) < 100.** The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 100 tests per day will meet this criterion.
- 2. Case rate (per 100,000) > 200.** The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.
- 3. Case rate (per 100,000) > 50 AND testing positivity > 8.0%.** The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 8.0% paired with case rate greater than 50 per 100,000 will meet this criterion.

| County | Average Number of Tests per Day per 100k (14-day avg. with 7-day lag) | Case Rate per 100k (last 30 days) | Test Positivity (14-day with 7-day lag) |
|-------------|---|-----------------------------------|---|
| Carson City | 224 | 338 | 5.5% |
| Churchill | 177 | 294 | 6.7% |
| Clark | 248 | 480 | 8.4% |
| Douglas | 144 | 227 | 5.2% |
| Elko | 81 | 256 | 11.5% |
| Esmeralda | 103 | 0 | 0.0% |
| Eureka | 33 | 51 | 11.1% |
| Humboldt | 168 | 100 | 1.7% |
| Lander | 208 | 200 | 2.3% |
| Lincoln | 240 | 231 | 7.4% |
| Lyon | 137 | 210 | 5.7% |
| Mineral | 316 | 855 | 9.4% |
| Nye | 125 | 231 | 8.7% |
| Pershing | 134 | 460 | 9.9% |
| Storey | 24 | 22 | 6.7% |
| Washoe | 212 | 345 | 5.9% |
| White Pine | 582 | 491 | 2.2% |



6 counties are flagged for elevated disease transmission:

- Clark, Elko, Eureka, Mineral, Nye, and Pershing

Of those counties that were flagged for elevated disease transmission:

- All except Eureka were flagged with a high case rate (>200).
- All were flagged with a high test positivity (>8%).
- Elko and Eureka were flagged with a low average number of tests per day per 100,000 (<100).

Data as of 3/2: Only Elko, Nye and Pershing Counties remain flagged for elevated disease transmission.



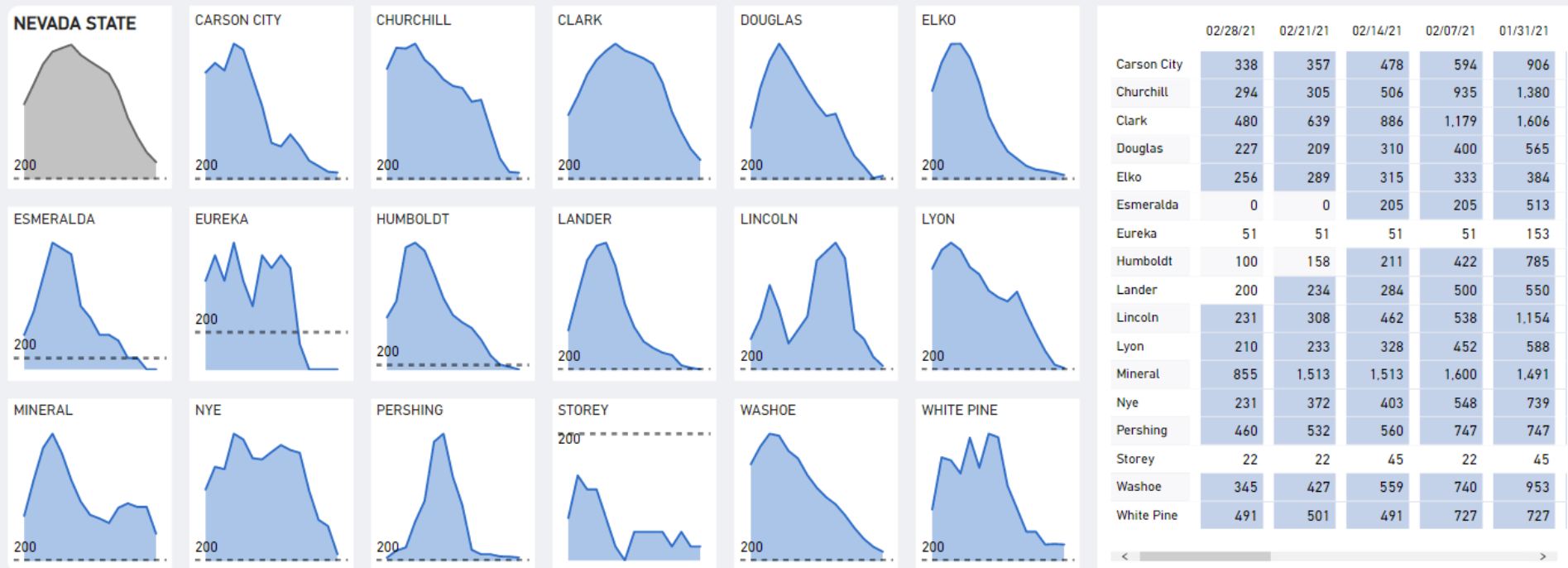
COVID-19 County Tracker

COUNTY TRACKER - CASES PER 100K PEOPLE

DATA AS OF 2/28/2021

Case Rate per 100,000. Threshold > 200

The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion. County graphs are not presented on the same scale and should not be used for comparison purposes. For county-level comparisons, use the data table on the right. [Learn more](#)



10

These data include prison cases.

COVID-19 County Tracker

COUNTY TRACKER TESTS POSITIVITY RATE

DATA AS OF 2/28/2021

Test Positivity Rate. Threshold: (1) Test Positivity > 8.0% and Case Rate per 100,000 > 50

The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. County graphs are not presented on the same scale and should not be used for comparison purposes. For county-level comparisons, use the data table on the right. [Learn more](#)



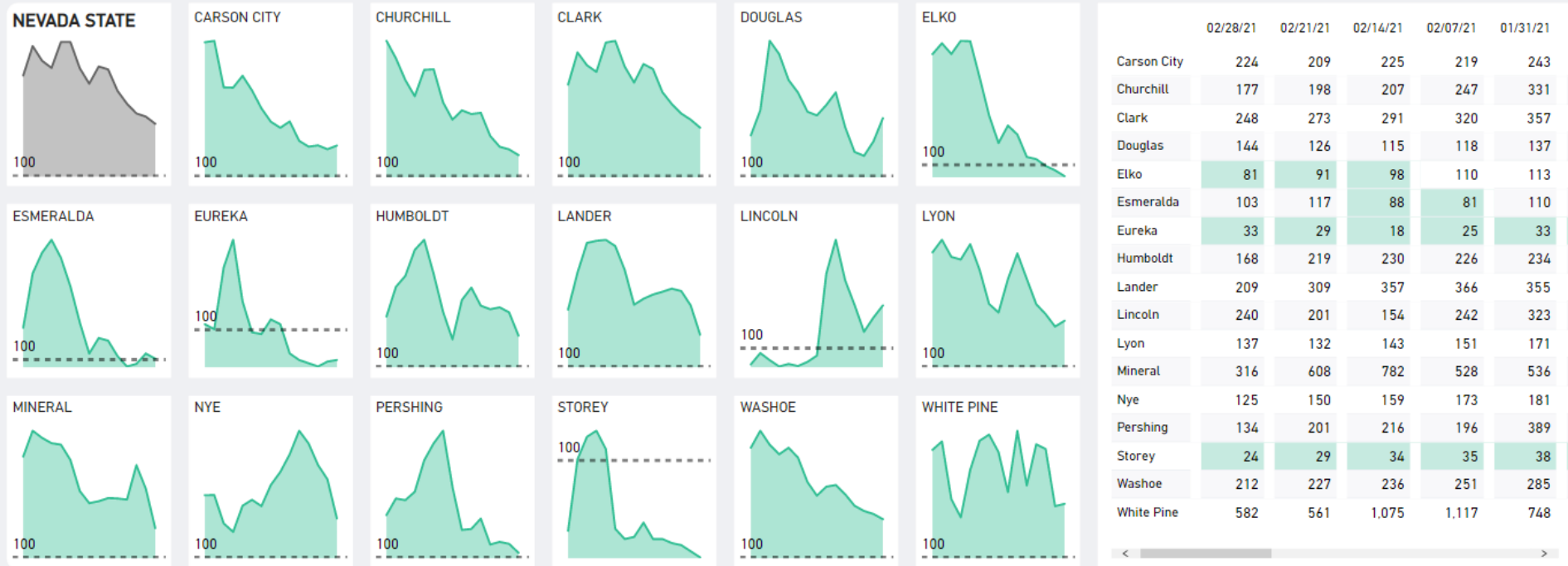
COVID-19 County Tracker

COUNTY TRACKER - TEST/DAY PER 100K PEOPLE

DATA AS OF 2/28/2021

Average Number of Tests per Day per 100,000. Threshold < 100.

The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. County graphs are not presented on the same scale and should not be used for comparison purposes. For county-level comparisons, use the data table on the right. [Learn more](#)



12

These data include prison cases.

COVID-19 County Tracker (Comparison)

Nevada Department of Health and Human Services
Office of Analytics

County Tracker Results Comparison, with and without the inclusion of prison inmate-related testing encounters, February 28, 2021

| Current Methodology | | | | | Excluding Prison Inmate-Related Testing Encounters | | | | | Difference | | | | |
|---------------------|----------|------------|------------------|-------|--|----------|------------|------------------|-------|-------------|----------|------------|------------------|-------|
| County | Testing* | Case Rate† | Test Positivity‡ | Score | County | Testing* | Case Rate† | Test Positivity‡ | Score | County | Testing* | Case Rate† | Test Positivity‡ | Score |
| Carson City | 224 | 338 | 5.5% | 1 | Carson City | 237 | 343 | 5.8% | 1 | Carson City | 6% | 2% | 5% | - |
| Churchill | 177 | 294 | 6.7% | 1 | Churchill | 204 | 298 | 6.4% | 1 | Churchill | 15% | 1% | -4% | - |
| Clark | 248 | 480 | 8.4% | 2 | Clark | 242 | 450 | 7.9% | 1 | Clark | -2% | -6% | -6% | 1 |
| Douglas | 144 | 227 | 5.2% | 1 | Douglas | 144 | 223 | 6.2% | 1 | Douglas | 0% | -2% | 19% | - |
| Elko | 81 | 256 | 11.5% | 3 | Elko | 71 | 253 | 10.9% | 3 | Elko | -13% | -1% | -5% | - |
| Esmeralda | 103 | - | 0.0% | - | Esmeralda | 103 | - | 0.0% | - | Esmeralda | 0% | - | - | - |
| Eureka | 33 | 51 | 11.1% | 2 | Eureka | 29 | 51 | 0.0% | 1 | Eureka | -11% | 0% | -100% | 1 |
| Humboldt | 168 | 100 | 1.7% | - | Humboldt | 143 | 100 | 2.1% | - | Humboldt | -15% | 0% | 24% | - |
| Lander | 208 | 200 | 2.3% | 1 | Lander | 162 | 200 | 2.9% | 1 | Lander | -22% | 0% | 26% | - |
| Lincoln | 240 | 231 | 7.4% | 1 | Lincoln | 183 | 231 | 6.0% | 1 | Lincoln | -24% | 0% | -19% | - |
| Lyon | 137 | 210 | 5.7% | 1 | Lyon | 137 | 216 | 5.9% | 1 | Lyon | 0% | 3% | 4% | - |
| Mineral | 316 | 855 | 9.4% | 2 | Mineral | 354 | 855 | 4.9% | 1 | Mineral | 12% | 0% | -48% | 1 |
| Nye | 125 | 231 | 8.7% | 2 | Nye | 109 | 221 | 9.1% | 2 | Nye | -13% | -4% | 5% | - |
| Pershing | 134 | 460 | 9.9% | 2 | Pershing | 131 | 460 | 8.6% | 2 | Pershing | -3% | 0% | -13% | - |
| Storey | 24 | 22 | 6.7% | 1 | Storey | 27 | 22 | 5.9% | 1 | Storey | 13% | -2% | 0% | - |
| Washoe | 212 | 345 | 5.9% | 1 | Washoe | 211 | 332 | 5.5% | 1 | Washoe | 0% | -4% | -7% | - |
| White Pine | 582 | 491 | 2.2% | 1 | White Pine | 496 | 463 | 2.6% | 1 | White Pine | -15% | -6% | 18% | - |

*Average Number of Tests Per Day (per 100,000)

†Cases (per 100,000)

‡Total number of positive molecular tests divided by the total number of molecular tests conducted multiplied by 100.

Excluding prison/inmate population does not significantly impact most counties' overall status for elevated disease transmission.

Counties that have relatively high increases in testing and case rates after excluding prison inmate populations are due to having few to zero COVID-19 positive inmates. Since the number of tests and/or cases remain relatively constant and the population size (denominator) is smaller without the inmate population, we would expect to see increases in testing and case rates.



Discussion

To request additional data, email the DHHS Office of Analytics at data@dhhs.nv.gov